

ABSTRACT OF DISCLOSURE

A wireless communication system has a queue information search unit for searching a queue-status information provided in a packet unit, a communication priority decision unit for deciding communication priority of external devices based on the queue-status information, giving a higher priority to the external device having a greater number of packets in queues, a communication initiation unit for initiating a communication with the external devices according to the communication priority, a counter for counting the number of times that the communication is initiated for each of the external devices, and a comparator for comparing a counter value of a first external device that corresponds to a transmitted data with a counter value of a second external device that has a maximum counter value. Accordingly, when the wireless communication device transmits and receives data with respect to the plural wireless communication devices, both high throughput and high fairness can be guaranteed.